

**METHOD AND SYSTEM FOR MEASURING STATUS AND STATE OF REMOTELY
EXECUTING PROGRAMS**

ABSTRACT OF THE DISCLOSURE

5 A system and method for providing attestation and/or
integrity of a server execution environment are described. One
or more parts of a server environment are selected for
measurement. The one or more parts in a server execution
environment are measured, and the measurements result in a
10 unique fingerprint for each respective selected part. The
unique fingerprints are aggregated by an aggregation function
to create an aggregated value, which is determinative of
running programs in the server environment. A measurement
parameter may include the unique fingerprints, the aggregated
15 value or a base system value and may be sent over a network
interface to indicate the server environment status or state.